

What is claimed is:

1. An air hypocaust structure for cooling and/or heating,  
which transfers heat according to a conduction, a convection,  
5 and a radiation mechanism by a cold or a hot air current  
circulating in the air hypocaust structure, comprising:

an upper plate integrally provided with a plurality of  
support legs each having a hole at an end thereof; and

a base plate assembled with another base plate, and  
10 integrally provided along an edge thereof with a plurality of  
projections each having a sharp tip and positioned at regular  
intervals to be correspond to the support legs of the upper  
plate.

15 2. The air hypocaust structure as set forth in claim 1,  
further comprising a plurality of protrusion parts formed on an  
upper side of the upper plate at regular intervals to  
correspond in position to the support legs, and a plurality of  
recess parts formed on a lower side of the upper plate at  
20 regular intervals to correspond in position to the protrusion  
parts.

3. The air hypocaust structure as set forth in claim 2,  
further comprising a plurality of guide plates integrally  
25 formed with the lower side of the upper plate to be correspond

in position to the recess parts.

4. The air hypocaust structure as set forth in claim 1,  
wherein upper ends of a plurality of guide plates are fixed  
5 into a plurality of recess parts of the lower side of the upper  
plate, and a flow direction of the cold or hot air current is  
changed by the guide plates.

5. The air hypocaust structure as set forth in claim 3 or  
10 4, wherein a base is integrally formed with a lower end of each  
of the guide plates, and comes into contact with an upper side  
of a base plate to support the guide plates between the upper  
plate and the base plate.